3Com® Corporation

PathBuilder™ S200 Series Switch Multimedia Feature Protocols Manual

Notice

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Manual is current for Release 5.2M.

About The Multimedia Feature Protocols Manual

Overview

Introduction

The *Multimedia Feature Protocols Manual* contains user manuals that describe the options and protocols found in the 3Com's Operating Network Software (ONS) License for Voice protocols. Additionally, this manual contains information on 3Com's implementation of the RemoteVU Host Video Workstation software application.

Audience

This binder is intended for use by those users of PathBuilder S200 series switches who are authorized to use the Voice protocol software license.

Software Revision Level

This manual is current for Release 5.2M of the 3Com ONS, Voice protocols software license.

Special Notices

These special notices emphasize important information in each of the option and protocol user manuals. Each serves a special purpose and appears in the format shown:

Note

Note emphasizes any significant procedural information.

Caution!

Caution provides you with information that, if not followed, can result in damage to software, hardware, or data.

Mise en garde

Une mise en garde vous fournit des informations qui, si elles ne sont pas observées, peuvent se traduire par des dommages pour le logiciel, le matériel ou les données.

Vorsicht

Ein Vorsichtshinweis macht Sie darauf aufmerksam, daß Nichtbefolgung zu Software-, Hardware- oder Datenschäden führen kann.

Warning!

Warning is the most serious notice, indicating that you can be physically hurt.

Avertissement

Un avertissement constitue le message le plus sérieux, indiquant que vous pouvez subir des blessures corporelles.

Warnung

Eine Warnung ist der ernsthafteste Hinweis auf Körperverletzungsgefahr.

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What's In This Manual

Introduction

This manual (T0106) contains options and protocol documentation that you should become familiar with in order to be successfully understand the functionality found in the PathBuilder S200 series switch ONS Voice software license.

Note

Although video is not directly supported by the Voice software license, the RemoteVU Operators Manual is included to explain the support offered for the RemoteVU Host Video Workstation.

Voice over IP

This manual describes the VoIP feature and it's termination and encapsulation of voice and fax traffic for transport over an IP network.

Voice Relay

This manual describes the Voice Relay implementation used by 3Com on its PathBuilder S200 series switches. This manual contains detailed descriptions, configuration and statistical information.

RemoteVU HVW Operator's Guide

This Operator's Guide explains the use of the Host Video Workstation (HVW) application in conjunction with the RemoteVU Daughtercard. It is provided for information purposes and does not contain any configuration information for setting up a video network. It is recommended that you refer to the Transaction Protocol Data Unit (TPDU) manual for relevant configuration information.

Note

Although the TPDU manual is not part of the Multimedia documentation suite, you can obtain a copy of this document from the VIEWER file on the PathBuilder S200 Series User Guides.

Glossary

The final manual in the Multimedia Feature Protocols Manual is a technical glossary that explains many technical terminologies and acronyms used in this, and all PathBuilder S200 series switch documentation.

Related Documentation

Introduction

It may become necessary to refer to other documents in order to obtain all of the technical information that you may require. This section identifies all of the related 3Com PathBuilder S200 series switch documentation including:

- “PathBuilder S200 Series Switch Installation Manuals” on page xi
- “Software License Feature Documentation” on page xii
- “Software Coldloading/Installation and Alarms and Reports Manuals” on page xiii

PathBuilder S200 Series Switch Installation Manuals

Introduction

Installation manuals describe the installation and set up of specific PathBuilder S200 series switch equipment. Installation Manuals provide you with information that may assist you in locating ports and modifying DTE/DCE settings.

Ordering Additional Copies...

These manuals are usually shipped with the products that apply to. However, if you require additional copies, or have misplaced the one shipped with your product, you can order one from your 3Com representative, quoting the product codes referenced above.

Software License Feature Documentation

Introduction

Use of the PathBuilder S200 series switch ONS software is controlled via software licenses purchased from 3Com. Each license is supported by a suite of protocol documentation to provide you with the information required to fully understand the ways in which you can use your ONS license.

In addition to this Multimedia Feature Protocols Manual, these additional documentation suites are available:

- PathBuilder S200 Series Basic Protocols
- IP and LAN Feature Protocols
- SNA Feature Protocols
- Serial Feature Protocols
- Multi-Service Feature Protocols

PathBuilder S200 Series Switch Basic Protocols Manual

This manual (T0106) contains options and protocol documentation that you must be familiar with to successfully understand the PathBuilder S200 series switch ONS software. This manual, as listed below, describes the underlying functionality of the PathBuilder S200 series switch ONS.

The protocols covered in this manual include:

- Frame Relay Interface/Access
- SNMP
- SLIP
- TELNET
- Point to Point
- X.25 Configuration Basics Guide
- Configuration for APAD/ATPAD
- Bandwidth Management Basics Guide

IP And LAN Feature Protocols

This manual contains options and protocol documentation required to understand the IP and LAN ONS software license feature sets. The content of this manual, as listed below, describes the IP and LAN functionality available in the PathBuilder S200 series switch ONS.

The protocols covered in this manual include:

- Bridging
- Routing
- Serial Line IP - SLIP
- Open Shortest Path First - OSPF
- Ethernet Basics Guide

Software Coldloading/Installation and Alarms and Reports Manuals

Introduction

These manuals offer direction on installing and coldloading software into PathBuilder S200 series switches, and explanations of the alarms and report messages that may be displayed on your terminal screen.

Software Coldloading and Installation Manual

This manual describes the different methods of installing software in nodes containing 3Com PathBuilder S200 series switches. It describes software installation by:

- downloading software from a Macintosh or PC using Communication Software such as Procomm Plus
- Ping software from a LAN

Alarms and Reports Manual

This manual lists the PathBuilder S200 series switch operating software alarms and reports in alphabetical order. Descriptions, and suggested actions, are also included where applicable.